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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/185,908ADATE: 04/15/1999
TIME: 12:06:57

Input Set: I185908A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Blaschuk, Orest W.
2 Gour, Barbara J.
3 <120> TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING CLAUDIN-MEDIATED
4 FUNCTIONS
5 <130> FILE REFERENCE: 100086.409
6 <140> CURRENT APPLICATION NUMBER: US/09/185,908A
7 <141> CURRENT FILING DATE: 1998-11-03
8 <160> NUMBER OF SEQ ID NOS: 269
9 <170> SOFTWARE: PatentIn Ver. 2.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 8
12 <212> TYPE: PRT
13 <213> ORGANISM: Unknown
14 <220> FEATURE:
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16 <222> LOCATION: (2) /
17 <223> OTHER INFORMATION: Where Xaa is either Lysine or Arginine
18 <220> FEATURE:
19 <221> NAME/KEY: MOD_RES
20 <222> LOCATION: (3) /
21 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
22 residue
23 <220> FEATURE:
24 <221> NAME/KEY: MOD_RES
25 <222> LOCATION: (4) /
26 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
27 residue
28 <220> FEATURE:
29 <221> NAME/KEY: MOD_RES
30 <222> LOCATION: (5) /
31 <223> OTHER INFORMATION: Where Xaa is either Serine or Alanine
32 <220> FEATURE:
33 <221> NAME/KEY: MOD_RES
34 <222> LOCATION: (6) /
35 <223> OTHER INFORMATION: Where Xaa is either Tyrosine or Phenylalanine
36 <220> FEATURE:
37 <221> NAME/KEY: MOD_RES
38 <222> LOCATION: (7) /
39 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
40 residue
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Description of Unknown Organism: Consensus
43 Claudin Cell Adhesion Recognition Sequence
44 <400> SEQUENCE: 1

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W--> 45      Trp Xaa Xaa Xaa Xaa Xaa Xaa Gly
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      48      <211> LENGTH: 4
      49      <212> TYPE: PRT
      50      <213> ORGANISM: Artificial Sequence
      51      <220> FEATURE:
      52      <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
      53      Synthesis based on Mouse Claudin-1 Cell Adhesion
      54      Recognition Sequence
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      56      Ile Tyr Ser Tyr
      57      1
      58      <210> SEQ ID NO 3
      59      <211> LENGTH: 4
      60      <212> TYPE: PRT
      61      <213> ORGANISM: Artificial Sequence
      62      <220> FEATURE:
      63      <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
      64      synthesis based on mouse claudin-2 cell adhesion
      65      recognition sequence
      66      <400> SEQUENCE: 3
      67      Thr Ser Ser Tyr
      68      1
      69      <210> SEQ ID NO 4
      70      <211> LENGTH: 4
      71      <212> TYPE: PRT
      72      <213> ORGANISM: Mus musculus
      73      <220> FEATURE:
      74      <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
      75      synthesis based on human, mouse and Monkey CPE-R
      76      cell adhesion recognition sequence
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      81      <211> LENGTH: 4
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      83      <213> ORGANISM: Artificial Sequence
      84      <220> FEATURE:
      85      <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
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      87      adhesion recognition sequence
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      91      <210> SEQ ID NO 6
      92      <211> LENGTH: 42
      93      <212> TYPE: PRT
      94      <213> ORGANISM: Mus musculus
  
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99          20             25             30
100     Gly Gln Ile Gln Cys Lys Val Phe Asp Ser
101          35             40
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103  <211> LENGTH: 42
104  <212> TYPE: PRT
105  <213> ORGANISM: Mus musculus
106  <400> SEQUENCE: 7
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108          1             5             10             15
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110          20             25             30
111     Gly Ile Thr Gln Cys Asp Ile Tyr Ser Thr
112          35             40
113  <210> SEQ ID NO 8
114  <211> LENGTH: 42
115  <212> TYPE: PRT
116  <213> ORGANISM: Homo sapiens
117  <400> SEQUENCE: 8
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119          1             5             10             15
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121          20             25             30
122     Gly Gln Met Gln Cys Lys Val Tyr Asp Ser
123          35             40
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125  <211> LENGTH: 42
126  <212> TYPE: PRT
127  <213> ORGANISM: Mus musculus
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132          20             25             30
133     Gly Gln Met Gln Cys Lys Met Tyr Asp Ser
134          35             40
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136  <211> LENGTH: 42
137  <212> TYPE: PRT
138  <213> ORGANISM: Chlorocebus aethiops
139  <400> SEQUENCE: 10
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142     Gln Thr Ile Trp Glu Gly Leu Trp Met Asn Cys Val Val Gln Ser Thr
143          20             25             30
144     Gly Gln Met Gln Cys Lys Val Tyr Asp Ser

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154             20             25             30
155   Gly Gln Met Gln Cys Lys Val Tyr Asp Ser
156             35             40
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158 <211> LENGTH: 41
159 <212> TYPE: PRT
160 <213> ORGANISM: Rattus norvegicus
161 <400> SEQUENCE: 12
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165             20             25             30
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169 <211> LENGTH: 42
170 <212> TYPE: PRT
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172 <220> FEATURE:
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175 <220> FEATURE:
176 <221> NAME/KEY: MOD_RES
177 <222> LOCATION: (2)
178 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
179   residue
180 <220> FEATURE:
181 <221> NAME/KEY: MOD_RES
182 <222> LOCATION: (4)
183 <223> OTHER INFORMATION: Where Xaa is either Arginine or Lysine
184 <220> FEATURE:
185 <221> NAME/KEY: MOD_RES
186 <222> LOCATION: (5)
187 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
188 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (6)
191 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
192   residue
193 <220> FEATURE:
194 <221> NAME/KEY: MOD_RES

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195 <222> LOCATION: (7)
196 <223> OTHER INFORMATION: Where Xaa is either Alanine or Serine
197 <220> FEATURE:
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199 <222> LOCATION: (8)
200 <223> OTHER INFORMATION: Where Xaa is either Tyrosine or Phenylalanine
201 <220> FEATURE:
202 <221> NAME/KEY: MOD_RES
203 <222> LOCATION: (9)
204 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
205 residue
206 <220> FEATURE:
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209 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
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215 <220> FEATURE:
216 <221> NAME/KEY: MOD_RES
217 <222> LOCATION: (14)
218 <223> OTHER INFORMATION: Where Xaa is either Valine or Isoleucine
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227 <220> FEATURE:
228 <221> NAME/KEY: MOD_RES
229 <222> LOCATION: (18)
230 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
231 residue
232 <220> FEATURE:
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236 residue
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240 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
241 residue
242 <220> FEATURE:
243 <221> NAME/KEY: MOD_RES
244 <222> LOCATION: (21)

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Please Note:

Use 'n' and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I185908A.RAW

| Line | ? Error/Warning | Original Text |
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| 45 | W "N" or "Xaa" used: Feature required | Trp Xaa Xaa Xaa Xaa Xaa Xaa Gly |
| 299 | W "N" or "Xaa" used: Feature required | Pro Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Gly X |
| 301 | W "N" or "Xaa" used: Feature required | Xaa Xaa Xaa Xaa Xaa Gly Leu Trp Met Xaa C |
| 303 | W "N" or "Xaa" used: Feature required | Gly Xaa Xaa Gln Cys Xaa Xaa Xaa Xaa Xaa |
| 360 | W "N" or "Xaa" used: Feature required | Cys Ile Tyr Ser Tyr Xaa |
| 376 | W "N" or "Xaa" used: Feature required | Xaa Ile Tyr Ser Tyr Cys |
| 392 | W "N" or "Xaa" used: Feature required | Xaa Ile Tyr Ser Tyr Cys |
| 408 | W "N" or "Xaa" used: Feature required | Xaa Ile Tyr Ser Tyr Cys |
| 426 | W "N" or "Xaa" used: Feature required | Xaa Ile Tyr Ser Tyr Cys |
| 442 | W "N" or "Xaa" used: Feature required | Xaa Ile Tyr Ser Tyr |